

CITY OF BURBANK
164 WEST MAGNOLIA BOULEVARD, P.O. BOX 631, BURBANK, CALIFORNIA 91503

PUBLIC SERVICE DEPARTMENT

February 20, 1990

Ms. Alisa Greene
U.S. Environmental Protection Agency
Region IX (T-4-1)
215 Fremont Street
San Francisco, CA 94105

Dear Ms. Greene:

Enclosed is the information from the City of Burbank in support of your investigation of groundwater contamination in this region. The information refers to Public Service Department property at 164 West Magnolia Boulevard and is organized as follows:

1. Where information is brief, each request is stated and then the answer provided.
2. For those items requiring additional documentation, the reader is referred to an appendix. Each appendix is identified by two numbers. The first number corresponds to the request number and the second number is merely an accession number to differentiate an appendix from others relevant to that request. A list of the appendices is attached.

Information on other Public Service Department properties is being collected and will be sent under separate cover.

Please call if you have questions.

Sincerely,



Ronald V. Stassi
General Manager

RVS:JLF:vld
89-25

cc: Fred Lantz (w/o attachments)

Appendices

<u>Number</u>	<u>Title</u>
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2-3	Electric Transmission and Distribution - Tests of Mineral Oil for PCBs
2-4	Electric Transmission and Distribution - Annual Totals for Items Contaminated With 5ppm or More of PCBs
2-5	Electric Transmission and Distribution - Public Health License for Hazardous Waste Control
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Appendices

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- 8-1 Consultant Report -
 Hydrogeologic Evaluation For Well Site
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 Fiscal Year End June 30, 1988

REQUEST 1

A description of the purpose and operations of your facility including a detailed description of any hazardous waste storage, treatment, or disposal operations. Include the dates of operation.

REPLY

The Public Service Department, a municipally owned Water and Electricity generating plant, has been in operation since 1913.

The Department is situated on approximately 22 acres located at 164 West Magnolia Boulevard in Burbank, California. This area is bounded by Magnolia Boulevard on the north, Olive Avenue on the south, Lake Street on the west and the west feeder channel of Los Angeles River on the east. The Department's activities are totally supported from the sale of electricity and water to the City's residents, commercial and industrial firms.

The Department consists of seven programs: Electric Production, Electric Transmission, Electric Distribution, Water Operation, Field Services, Customer Services, and Administrative Services.

The Electric Production Program is responsible for PSD's power supply program. This Division plans, negotiates, acquires, and operates, as needed, facilities for the generation, storage, and transmission of energy. On-site generation plays a key role in both supplying power directly and in negotiation and administration of other power contracts.

The Electric Transmission Program is responsible for operation and maintenance of the electric transmission systems within the City.

The Electric Distribution Program is responsible for operation and maintenance of the electric distribution systems.

The Water Operation Program is responsible for the operation and maintenance of the City-owned Water Production, Pumping, and Treatment facilities. The Division plans for the purchase of water from the Metropolitan Water District to meet Burbank's needs. The Water Division is also responsible for operation and maintenance of the City-owned water transmission and distribution system.

The Field Services Program is responsible for maintenance of all Public Service Department vehicles and equipment, and provides facilities maintenance for all Water, Electric, and Administrative facilities.

The Customer Service Program provides services related to utility billings and customer service.

The Administrative Services Program provides support services for the entire Public Service Department. Administrative Services prepares and monitors the budget and implements mandated conservation programs. This Program also includes Warehousing and miscellaneous General City Services.

The following is a listing of specific Public Service Department facilities, the dates they were activated, and their capacity - when appropriate.

POWER PLANT

MAGNOLIA #1 (steam turbine)	1940	Deactivated 1982
MAGNOLIA #2 (steam turbine)	1943	
MAGNOLIA #3 (steam turbine)	1947	
MAGNOLIA #4 (steam turbine)	1953	
MAGNOLIA #5 (gas turbine)	1969	
OLIVE #1 (steam turbine)	1958	
OLIVE #2 (steam turbine)	1963	
OLIVE #3 (gas turbine)	1972	
OLIVE #3 (waste heat boiler)	1972	
OLIVE #4 (gas turbine)	1974	
OLIVE #4 (waste heat boiler)	1984	

POWER PLANT CHEMICAL STORAGE TANKS

OLIVE SULFURIC ACID (above ground)	3,740 gal.
OLIVE CAUSTIC (above ground)	3,740 gal.
OLIVE COOLING TOWER ACID (above ground)	4,500 gal.
OLIVE (BETZ) 22K (above ground)	1,000 gal.
OLIVE (BETZ) 1321 (above ground)	1,000 gal.
MAGNOLIA SULFURIC ACID (above ground)	3,740 gal.
MAGNOLIA SULFURIC ACID (above ground)	3,740 gal.
MAGNOLIA (BETZ) 22K (above ground)	500 gal.
MAGNOLIA (BETZ) 1321 (above ground)	500 gal.

POWER PLANT FUEL TANKS

#6 API FUEL:

F-1* 40-TANK (below ground)	1942	1,680,000 gal.
F-2 53-TANK (below ground)	1963	2,226,000 gal.
F-3 DAY TANK (below ground)	1951	4,100 gal.
F-4 DAY TANK (below ground)	1951	4,100 gal.
F-5 25-TANK (above ground)	1942	1,050,000 gal.
F-6 78-TANK (above ground)	1952	3,276,000 gal.

#2 API FUEL:

D-1 MAGNOLIA (below ground)	1968	20,000 gal.
D-2 MAGNOLIA (below ground)	1968	20,000 gal.
D-3 OLIVE (below ground)	1971	40,000 gal.
D-4 OLIVE (below ground)	1971	40,000 gal.
D-5 OLIVE (below ground)	1971	40,000 gal.

* This code can be used to locate facility on site map.

VEHICLE MAINTENANCE FUEL DISPENSING FACILITIES

G-1 UNLEADED GAS. (below ground)	unknown	10,000 gal.
G-2 DIESEL (below ground)	unknown	5,000 gal.
G-3 UNLEADED GAS. (below ground)	1980	10,000 gal.
S-1 SOLVENT (below ground)	1983	1,000 gal.
W-1 WASTE OIL (below ground)	1961	1,000 gal.

WELLS

DOMESTIC WELL #7	1938
DOMESTIC WELL #15	1950
MONITORING WELL	1989

For a complete description of the Department's hazardous waste storage, treatment, and disposal operations, please refer to question #4.

REQUEST 2

A detailed description of all hazardous substances and hazardous wastes that were or are used or produced in operation or in production-related processes at your facility(s). Of particular importance is your information regarding past and present chlorinated solvent usage including but not limited to carbon tetrachloride (CTC), trichloroethylene (TCE), and tetrachloroethylene (PCE). For each substance and each waste used or generated, provide the following information.

- a. The common chemical name, specific chemical name, and chemical composition by volume for liquids and weight for solids;
- b. The total amount, in gallons for liquids, and tons for solids, of annual usage or generation;
- c. The methods and processes used to generate, store, treat, and dispose of, and otherwise handle each substance;
- d. When and where the above processes occurred and are occurring. Please specify dates and locations as precisely as possible. Location information should include, but not be limited to, information pertaining to tanks, ponds, treatment facilities, and other units which were historically used to treat, store and/or dispose of hazardous substances but which may no longer exist.

REPLY

The response to this question is provided in 6 Appendices.

Appendix 2-1	Electric Production - Hazardous Substances
Appendix 2-2	Electric Transmission and Distribution - Hazardous Material Disclosure Form
Appendix 2-3	Electric Transmission and Distribution - Tests of Mineral Oil for PCBs
Appendix 2-4	Electric Transmission and Distribution - Annual Totals for Items Contaminated With 5ppm or More of PCBs
Appendix 2-5	Electric Transmission and Distribution - Public Health License for Hazardous Waste Control
Appendix 2-6	Electric Transmission and Distribution - Internal Storage and Disposal Records for Items Contaminated with 5ppm or More of PCBs

REQUEST 3

Any photographs, maps, diagrams, regardless of their date, which show areas where hazardous substances or hazardous wastes have been or may be located.

REPLY

For convenient access, a color coded site map is included as the last page of this letter.

REQUEST 4

A description of past and present disposal practices of hazardous substances and hazardous wastes generated or used at your facility. If off-site disposal of wastes has occurred, please provide a detailed description, including copies of manifests of hazardous substances and hazardous wastes, the names and addresses of transporters that have ever been engaged for the purpose of transporting hazardous substances or hazardous wastes from your facility, and the location to where the waste was hauled.

REPLY

The City of Burbank recently entered into an annual contract dated October 13, 1989, with Disposal Control Service Inc., 1369 W. 9th St., Upland, CA 91786. This contract will allow the City to dispose of all general hazardous waste prior to the 90 day storage limits. Storage facilities are provided and have been inspected by the Fire Department to insure compliance with all regulations. All required alterations called for have either been completed or are in the process of being completed.

PAST AND PRESENT PRACTICES

All hazardous substances and wastes generated or used at our site are listed below. Hazardous Waste Manifests are

Boiler and Cooling Tower Wash Water:

All Boiler and Cooling Tower Wash Water, during the period 1940-1980, was discharged to the Los Angeles County storm drain system. In 1980 the practice was changed to discharging the water to the sanitary sewer and to the sewer treatment plant. The current practice is to collect the water, treat it and to then recycle it for further use. Any solids derived are then treated as hazardous waste.

Demineralizer Regeneration Waste:

The demineralizers are regenerated using sulfuric acid and sodium hydroxide. From approximately 1958 until 1987 the waste from this process was discharged to the sewer. Currently, this waste is recycled by using it for cooling tower make-up water.

Reverse Osmosis Brine Waste:

From 1970 until 1987 the brine waste from the reverse osmosis units was discharged to the sewer system. This waste is now recycled and used as cooling tower make-up water.

Water Softener Regeneration Waste:

Water softener regeneration (using sodium chloride) waste from 1947 until 1970 was discharged to the sanitary sewage system. This was the practice used during the entire life of the units, which were decommissioned and removed by 1970.

Cleaning Solvent Waste, Power Plant:

Waste cleaning solvents have always been disposed of by dumping them in the residual fuel oil storage tanks and burning them in the boiler. In approximately 1987 this practice ended. All solvents are presently collected, stored and disposed of as hazardous waste.

Cleaning Solvent Waste, Vehicle Maintenance Shop:

Spent cleaning solvents were added to the waste oil and burned in the boilers. It continued to be added to the waste oil until it was decided that it was a problem in the recycling of the oil. At that point, it was poured into 55 gallon drums and stored as a hazardous waste and disposed of as same. A decision has been made in favor of on-site filtering and regeneration.

Cleaning Solvent Waste, Electrical Equipment Shop:

Spent solvents were disposed of by burning them in the boilers until the new regulations came into effect. Now these spent solvents are treated as a hazardous waste, placed in drums and disposed of with other hazardous waste.

Cleaning Solvent and Thinner Waste, Paint Shop:

In the Paint Shop old solvents and thinners were taken to the back yard and poured into the "dirt pile." At some later date this earth was then used as fill dirt for various construction projects. As the new laws concerning hazardous waste came into effect, the spent solvents and thinners were placed in drums and treated as a hazardous waste.

Asbestos Waste, Vehicle Maintenance Shop:

Asbestos dust from vehicle brakes was simply blown off of the drums and other brake parts with compressed air and then swept from the floor and put in the normal trash. Asbestos dust from the brake shoes is vacuumed off of the wheel and drum with a special Nilfisk asbestos vacuum. The dust is then bagged and put into DOT approved 55 gallon drums and placed in the asbestos storage area with the asbestos insulation removed from the Power Plant. All of the asbestos is then removed for disposal by the contract hauler.

Asbestos Waste, Power Plant:

Asbestos insulation was either replaced on equipment or disposed of in the normal trash. Now asbestos is treated as hazardous and all precautions are taken.

Paint Waste:

Extra paints were kept on the shelf until a use was found for them or they dried out to the point of being unusable, at which time they were thrown into the normal trash bin. Excess paints are now disposed of as hazardous waste, collected and stored in the hazardous waste area and disposed of by the contract hauler.

Spent Vehicle Batteries:

Spent vehicle batteries were stacked on pallets and when a sufficient quantity were saved a scrap metal dealer was called to remove them as "junk." Mid-City Iron and Metal Co., 2104 E. 15th St., Los Angeles, CA 90021 was the most recent scrap dealer used. Currently, spent vehicle batteries are stored on wooden pallets and disposed of with other hazardous materials by our contract hauler, Disposal Control Service.

Vehicle Anti-Freeze:

Old vehicle anti-freeze was drained from the radiator onto the floor of the garage and then diluted and washed down the sewer. The next practice was to collect it in a pan and add it to the waste oil tank. This proved to be unacceptable as the new regulations came into effect because the oil/anti-freeze combination was not recyclable. For a while the anti-freeze was placed in 55 gallon drums and stored in a hazardous waste area. This practice was dropped in favor of on-site regeneration.

Motor Oil Waste:

Waste motor oils used to be saved in drums or the underground waste oil tank, poured into the #6 API fuel tanks in the Power Plant and burned as fuel in the boilers. Currently, waste oils are stored in an underground waste oil tank (W-1) and are periodically removed by a tanker truck from Southland Oil Co., 13219 Goller Ave., Norwalk, CA 90650. The oil is transported to DeMenno/Kerdon Inc., 2000 N. Alameda St., Compton, CA 90222 for recycling.

Used Vehicle Brake Fluid:

Vehicle brake fluid, because of the relative small amount generated, was simply added to the waste oil and burned. Later it was decided that like antifreeze it contaminated the oil and the decision was made to store it separately as a hazardous waste, in DOT approved containers and disposed of with other hazardous waste.

PCB Devices, Electrical Equipment:

The Electrical Equipment Shop was the first to come under strict regulation in the area of PCB contaminated devices. In the past the old devices were either sold "as is" for reuse or the dielectric oil was drained and poured into the #6 API fuel tanks to be burned in the boilers and the carcass landfilled. These practices ended with the new regulations that we are currently required to follow.

PCB contaminated devices are treated differently depending on the type of device. Upon removal from the field they are grouped in a quarantine area. Once in this area, a roster of devices by serial number is taken and test samples drawn. When the test results are received the devices are further divided by PCB concentrations.

Below 5ppm are treated as ordinary scrap, the oil is pumped out for recycling and the carcasses are disposed of as normal scrap. 5ppm and above are treated as hazardous. Regulators, disconnect switches and other switches are drained of oil and filled with sawdust. The oil and all debris from the draining is put in 55 gallon drums and stored in our PCB Storage Shed. Pole-top switches, Remote Control Oil Switches, transformers and street light regulators are double bagged with oil in place and put into the shed.

When sufficient quantities are accumulated or the mandated storage time limit is getting close the disposal company is called. We have an annual contract with AmerEco Environmental Services, Inc., Route 1, Box 159, Kingsville, MO 64061 for transport to AmerEco-Arizona, Inc., 4425 Santa Fe Dr., Kingman, AZ 86401. Appendices 4-2, 4-3, and 4-4 contain information on PCB inspections, transportation, and disposal.

OFF-SITE DISPOSAL

Appendix 4-5 contains off-site disposal records for the following disposals in which the Electric Production Section was involved.

March 1, 1971 - chemically cleaned Magnolia No. 4 boiler. This was required as a leak developed in a fuel oil heater. This contaminated the boiler with fuel oil.

Contractor: Dow Industrial Services
Dow Chemical Co.
P.O. Box 3909
Torrance, CA 90510
(213) 320-7610
Purchase Order #52353

February, 1982 - Asbestos removal - Magnolia Unit No. 4 turbine.

Contractor: Metalclad Insulation Corp.
2911 East Harcourt Street
Compton, CA 90221
(213) 637-1818
Purchase Order #38633

Transporter: Western Waste Industries
19803 S. Main Street
Carson, CA 90745

Disposal Site: Nu-Way Landfill
35 W. Huntington Drive
Arcadia, CA 91006

February, 1983 - Asbestos removal - Magnolia Unit No. 3 turbine.

Contractor: Thorp Insulation Company
2411 Broad Street
Carson, CA 90745
(213) 834-7294
Purchase Order # 042053

August 10, 1983 - Acid cleaning of Olive No. 3 waste heat boiler was required for removal of scale deposits.

Contractor: Halliburton Industrial Services
P.O. Box 4048
Santa Fe Springs, CA 90670
(213) 946-4526
Purchase Order #96740

Transporter: Crawley Environmental Services
Pier 1
Berth 47-49
Long Beach, CA 90802
(213) 491-4737

Disposal Site: BKK Landfill
2210 S. Azusa Avenue
West Covina, CA 91791

January, 1984 - Asbestos Removal - Olive No. 1 turbine.

Contractor: Thorpe Insulation Company
24100 Broad Street
Carson, CA 90745
(213) 834-7294
Purchase Order #90745

January 30, 1985 - Asbestos Removal - Olive No. 2 turbine.

Contractor: Metalclad Insulation Corporation
2911 E. Harcourt Street
Compton, CA 90221
(213) 637-1818
Purchase Order #20585

Transporters: Western Waste Industries
19803 S. Main Street
Carson, CA 90745
(213) 513-1519

Metalclad Insulation Corp.
2198 South Dupont Dr.
Anaheim, CA 92806
(213) 945-9505

Disposal Site: Nu-Way Landfill
35 W. Huntington Drive
Arcadia, CA 91006

December, 1988 - Asbestos Removal - Magnolia Unit #4 boiler.

Contractor: Western Removal Services
11823 Slanson Avenue
Suite 46
Sante Fe Springs, CA 90670
(213) 945-9505
Purchase Order #30915.

Transporter: Western Waste Industries
19803 S. Main Street
Carson, CA 90745
(213) 513-1519

Disposal Site: BKK Landfill
2210 S. Azusa Avenue
West Covina, CA 91791

- 1987 (approx.) - Sludge from Magnolia 1 and 2 Cooling Towers -
disposal of drums containing this sludge was handled completely
by the Safety and Training Officer.

Transporter: I.T. Corporation
336 W. Anaheim Street
Wilmington, CA 90744

Disposal Site: Casmalia Disposal
NTU Road
Casmalia, CA 93429

For your convenience, a list of Hazardous Waste Transporters and
Hazardous Waste Disposal Facilities is provided below.

HAZARDOUS WASTE DISPOSAL FACILITIES

Pen-Rob Corp. Landfill
3 Mi. North/I-40
East side of Porter Ave.
Joseph City, AZ

BKK Landfill
2210 S. Azusa Ave.
West Covina, CA 91791

AmerEco Environmental Svcs, Inc.
Rt. 1, Box 159
Kingsville, MO 64061

DeMenno/Kerdoon
2000 N. Alameda St.
Compton, CA 90222

W-H Tank Lines
2202 Spring St.
Signal Hill, CA 90809

Kinsbursky Brothers, Inc.
1314 N. Lemon St.
Anaheim, CA 92801

Omega Recovery Services
12504 E. Whittier Blvd.
Whittier, CA 90608

Casmalia Resource Management
NTU Road
Casmalia, CA 93429

Haz/Control, Inc.
731 Renz Lane
Gilroy, CA 95020

AmerEco-Arizona, Inc.
4425 Santa Fe Dr.
Kingman, AZ 86401

Anderson Solid Waste Site
18703 Cambridge Rd.
Anderson, CA 96007

North American Environmental
217 N. Lagoon Ave.
Wilmington, CA 90744

Rollins Environmental Svcs, Inc.
2027 Battleground Rd. Box 609
Deer Park, TX 77536

National Electric, Inc.
Hwy 169 No.
Coffeyville, KS 67337

U.S. Ecology
P.O. Box 578
Beatty, NV 89003

SCA Chemical Services
11700 S. Stony Island Ave.
Chicago, IL 60617

Chemical Waste Management
35251 Old Skyline Rd.
Kettleman City, CA 93239

Broco Landfill
2842 Locust Ave./2610 N. Alden
Rialto, CA 92376

Envirosafe Services of Idaho, Inc.
10.5 miles NW of Grandview
Grandview, ID 83624

P.W. Stephens Contractors
1343 E. Rush St.
S. El Monte, CA 91733

ENSCO, Inc.
American Oil Road
El Dorado, AK 71730

Rose Chemicals/PCB Div.
500 W. McKissock
Holden, MO 64040

PPM, Inc.
1628 W. 9th St.
Kansas City, MO 64101

Landfill, Inc.
2699 W. Ventura Blvd.
Arcadia, CA 91006

Mid-City Iron and Metal Co.
2104 E. 15th St.
Los Angeles, CA 90021

Nu-Way Landfill
35 W. Huntington Drive
Arcadia, CA 91006

HAZARDOUS WASTE TRANSPORTERS

NAACO, Inc.
531 East Jamie Ave.
La Habra, CA 90631

Western Waste Industries
19803 S. Main St.
Carson, CA 90745

Southland Oil, Inc.
4334 1/2 E. Washington Blvd.
Los Angeles, CA 90021

Chempro Environmental Services
Pier 1 Berth 47-49
Long Beach, CA 90802

Disposal Control Service, Inc.
1369 W. 9th Street
Upland, CA 91786

Marcor Of California
10355 Vacco St.
So. El Monte, CA 91733

Chem-Ran
3761 Stocker St.
Los Angeles, CA 90008

National Electric, Inc.
21400 Hamburg Ave.
Lakeville, MN 55044

N & W Rail
1130 Bedford Ave.
No. Kansas City, MO 64116

Crosby & Overton Trans., Inc.
1710 W. 17th St.
Long Beach, CA 90813

International Waste Trans. Svcs.
7916 W. 2400 So.
Magna, UT 84044

D & Y Trucking
2611 Sand Creek Rd.
Grants Pass, OR 97527

Casmalia Disposal
P.O. Box 5275
Santa Barbara, CA 93108

National Environmental Corp.
12251 Tangborn Ave.
Downey, CA 90241

AmerEco Environmental Svcs, Inc.
Rt. 1, Box 159
Kingsville, MO 64061

Roadwest Oil Vacuum Co., Inc.
10053 Bogardus Ave.
Whittier, CA 90605

I.T. Corporation
336 W. Anaheim St.
Wilmington, CA 90744

Asbestos Clean-up & Consultation
2030 E. 15th St.
Los Angeles, CA 90021

Falcon Disposal
3031 E. G St.
Wilmington, CA 90744

A & M Pumping
999 E. I St.
Wilmington, CA 90744

Santa Fe Rail
4515 Kansas Ave.
Kansas City, KS 66106

U.S. Services, Inc.
526 Railroad St.
Corona, CA 91720

North American Environm., Inc.
217 N. Lagoon Ave.
Wilmington, CA 90744

P.W. Stephens Contractors
1343 E. Rush St.
So. El Monte, CA 91733

Rose Chemicals/PCB Division
500 W. McKissock
Holden, MO 64040

Christopherson Transport., Inc.
21780 Temescal Canyon Rd.
Corona, CA 91720

REQUEST 5

Locations and detailed descriptions of all monitoring wells, supply wells, injection wells, and underground tanks at your facility.

REPLY

SUPPLY WELL

The Water Division has two domestic water wells located on the property at 164 West Magnolia Boulevard. Drilling logs and other data pertaining to both well No. 7 and No. 15 are attached as Appendix 5-1.

Well No. 7

Well No. 7 was drilled in 1938 by the cable tool method. The surface elevation is 557.5 feet above sea level and was drilled to a depth of 632 feet. The static water level is approximately 65 feet below the ground surface. The casing is 20 inches in diameter and is perforated from approximately 65 feet.

Well No. 15

Well No. 15 was drilled in 1950 by the cable tool method. The surface elevation is 560.3 feet above sea level and was drilled to a depth of 456 feet. The static water level is approximately 75 feet below the ground surface. The casing is 20 inches in diameter and is perforated from approximately 271 feet.

MONITORING WELL

A monitoring well was drilled in 1989 on the property for the Remedial Investigation. This well is designated as NHW-14. Information on this well is available from the LADWP EPA Superfund Group.

UNDERGROUND TANKS

#6 API Fuel Tanks

F-1* 40-TANK	1942	1,680,000 gal.
F-2 53-TANK	1963	2,226,000 gal.
F-3 DAY TANK	1951	4,100 gal.
F-4 DAY TANK	1951	4,100 gal.
F-5 25-TANK	1942	1,050,000 gal.
F-6 78-TANK	1952	3,276,000 gal.

#2 API Fuel Tanks

D-1 MAGNOLIA	1968	20,000 gal.
D-2 MAGNOLIA	1968	20,000 gal.
D-3 OLIVE	1971	40,000 gal.
D-4 OLIVE	1971	40,000 gal.
D-5 OLIVE	1971	40,000 gal.

Vehicle Maintenance Fuel Dispensing Facilities

G-1 UNLEADED GAS.	unknown	10,000 gal.
G-2 DIESEL	unknown	5,000 gal.
G-3 UNLEADED GAS.	1980	10,000 gal.
S-1 SOLVENT	1983	1,000 gal.
W-1 WASTE OIL	1961	1,000 gal.

* This code can be used to locate facility on site map.

REQUEST 6

Is your facility(s) currently connected to a sewer line? If so, please identify the sewage system, date of connection, and types of wastes discharged. If you are or at some time operated your facility(s) without a sewer line connection, please identify the method of waste water disposal that you use or did use. Specifically, have you or are you using leach field(s), septic tank(s), or any other method of on-site disposal.

REPLY

The Public Service Department is served by the Burbank public sanitary sewer system. There is a main sewer line traversing the eastern portion of the yard in a north/south direction. Two additional lines serve the site along Lake Street and Olive Avenue. Records show that connections were made in the 1940's and the most recent was made in 1963.

Only normal sewage wastes are discharged into the sanitary sewer and the utility has not used septic tanks or leach fields as a method of disposal of liquid wastes.

REQUEST 7

All analyses from sampling of monitoring and supply wells, underground tanks, soil samples and soil-gas sampling conducted at your facility.

REPLY

SUPPLY WELLS

The monitoring for volatile organic compounds in Burbank wells began after the passage of AB-1803 in late 1979. The earliest testing was conducted by LADWP for Burbank and then later by Burbank by contract laboratory services. We have included, in Appendix 7-1, all volatile and general water quality (Title 22) information we could locate since January 1980.

Analyses of monitoring well NHW-14 may be obtained from the LADWP EPA Superfund Group.

UNDERGROUND TANKS

Appendix 7-2 contains the test results of all on-site underground storage tank testing.

SOIL AND SOIL-GAS

Not Applicable.

REQUEST 8

Are you or your consultants planning to perform any investigations of the soil, water (ground or surface), geology, geohydrology, or air quality on or about the site? If so, please describe the planned investigation.

REPLY

SOIL

Not applicable.

WATER (Ground or Surface)

See Geohydrology.

GEOLOGY

Not applicable.

GEOHYDROLOGY

The Water Division's consultant, Richard C. Slade, has completed a geohydrological study for the purpose of siting a new domestic water well. A copy of this report is attached as Appendix 8-1. Mr. Slade is presently conducting a mini-study on nitrate and VOC contamination with depth. This report will be completed by December 1, 1989 and will be made available on request.

AIR QUALITY

(Super Snooper AB2588)

The South Coast Air Quality Management District periodically monitors our Power Plant emissions with their "Super Sniffer" mobile monitoring unit. Past results and future plans may be obtained from:

Tom Alwyn, Senior Air Quality Engineer
9150 Flair Drive
El Monte, CA 91713
(818) 572-6200

Further testing is being planned in order to comply with AB2588 Toxic "Hot Spots" Act. Exact details have not yet been finalized.

REQUEST 9

A list of all current and former employees, agents, contractors, consultants, Department officers, and other personnel who may possess knowledge or information relevant to this inquiry. This list should include each individual's name, address, telephone number, and job title or function.

REPLY

EMPLOYEES

Appendix 9-1 provides a complete listing of all current employees of Public Service Department, including job title and years of service with the Department.

PUBLIC SERVICE DEPARTMENT ADVISORY BOARD

Current:

Jeffrey C. Jonas
John L. Sullivan
Alan E. Capon
William H. Newbro
Mary E. Kelsey

Home Business

974-3707
840-7906

1985:

Charles H. Johnson
Alan E. Capon
David W. Hackett
Jeffrey C. Jonas
Francis M. Archdekin
Gary W. Olson
Robert W. Olney
Ron Shively
Donna D. Woodburn

849-7111
901-3655
254-7251
975-8230
972-3834

1977:

Alan E. Capon
David W. Hackett
Leonard H. Kushner
Sid Lane
Albert Rediger
Daniel L. Savant
Anne V. Sorensen
Vincent Stefano, Jr.
Harry W. Winston

849-7111
849-7345
842-7803
956-2200
995-0244

FX-6 Personal Privacy

REQUEST 10

Length of time you have been at the site location and any information you have regarding former occupants of this location and their hazardous waste practices.

REPLY

There have been some utility related activities on portions of this site since the 1910's. Water wells for production into the City system were on the site since the 1920's. City sewer records indicate that some residential occupants were displaced as the site was developed for the power plants in the 1940's and 1950's. The drainage wash which was channelized by WPA contract in 1940 was relocated easterly out of the property and to its present location in the late 1940's.

REQUEST 11

Any new information regarding use and disposal of chlorinated solvents by any person or business in the San Fernando Valley.

REPLY

None.

REQUEST 12

A detailed description of all hazardous substance and hazardous waste spills, leaks, and incidents, as well as any clean-up actions undertaken during the history of your facility's operation.

REPLY

PCB

Appendix 12-1 contains Electric Transmission and Distribution records on PCB incidents.

SULFURIC ACID

On October 14, 1988 (0615), a sulfuric acid leak was discovered between Magnolia Units No. 2 and No. 3 Cooling Towers. It was determined that a 3/8" stainless steel tubing that crossed the roadway, underground, about 18 inches had failed. This tubing supplies sulfuric acid from the storage tank to Magnolia Unit No. 4 Cooling Tower for pH control.

The cleanup of this acid spill required the following:

1. Excavation of contaminated soil.
2. Neutralization of the contaminated soil to a pH of 6-8, using soda ash.
3. Disposal of the neutralized contaminated soil.
4. Refill area with fresh soil.

The above was completed October 31, 1988. Approximately 45 cubic yards of contaminated soil was removed. To neutralize required 4700 lbs. of soda ash. The neutralized soil was disposed of at the Burbank landfill. The acid feed system has been modified to prevent a reoccurrence.

FUEL OIL TRANSFER PIPING FAILURE

March 3, 1989 at approximately 2:30 P.M., residual fuel oil was observed on the ground by the Olive No. 2 Cooling Tower.

Investigation revealed a failure had occurred in the underground fuel oil transfer piping.

On Saturday, March 4, the suspected area was excavated to expose the 10" transfer line.

An inspection revealed three 1/4" holes in the side of the 10" pipe. This failure was the result of external corrosion. It appears that approximately 30" of piping has experienced severe corrosion.

There is no doubt that this leak was detected in the very early stages as only approximately 115 gallons of oil was lost. The contaminated soil, ten 50 gallon drums, will be removed and disposed of as hazardous waste.

A temporary repair was made to this piping and the transfer system returned to service at 12:30 A.M., Saturday, March 4, 1989.

REQUEST 13

A list of the names and addresses of all solvent suppliers and solvent recyclers from which either products or services were acquired for use by your facility.

REPLY

SUPPLIER

SOLVENT

Dion & Sons, M O
1569 West 16th Street
Long Beach, Ca. 90813

Petroleum/Oils/Gases

Sawyer Inc, L T "Lee"
14117 Aetna Street
Van Nuys, Ca. 91401

Petroleum/Oils/Gases

Betz Laboratories Inc.
2900 Orange Avenue
Suite 203
Long Beach, Ca. 90806

Chemicals/Sprays

Hach Company
P.O. Box 389
Loveland, Co. 80539

Chemicals/Sprays

Holchem Incorporated
1224 East Katella
Orange, Ca. 92667

Chemicals/Sprays

California Carbon Co.
2825 E. Grant Street
Wilmington, Ca. 90774

Chemicals/Sprays

All Pure Chemical Co.
P.O. Box 4384
Santa Fe Springs, Ca. 90670

Chemicals/Sprays

Hasa Chemical Inc.
23119 Drayton Street
Saugus, Ca. 91350

Chemicals/Sprays

Scholle Corp.
3000 East Via Mondo
Compton, Ca. 90224

Chemicals/Sprays

Soco-Western Chemical
3270 E. Washington
Los Angeles, Ca. 90023

Chemicals/Sprays

REQUEST 14

An audited set of financial statements which includes a Statement of Financial Position/Balance Sheet, Income Statement, and Statement of Changes in Working Capital, and any other supplementary information for your company's most recent fiscal year.

REPLY

Appendix 14-1 contains Water and Electric Fund Financial Statements for Fiscal year ending June 30, 1988.

REQUEST 15

What is the legal relationship between the Public Service Department and the City of Burbank? Are you a corporate entity, a subsidiary, a division, or otherwise? Also, provide the administrative organizational structure of the Public Service Department, including an explanation of its relationship to the City of Burbank and the State of California.

REPLY

The City Attorney's response to this question is that the Public Service Department is a department of the City of Burbank. The authority for this response can be found in Section 33 of the City Charter, which defines the structure and the role of the Department. For your convenience, Section 33 is presented below.

There shall be a Public Service Department and a General Manager thereof, appointed by the City Manager.

The Public Service Department shall supervise the construction, reconstruction, operation and maintenance of all public utilities now or hereafter owned and operated by the City, including the generation, purchase, distribution and sale of electric energy, water and gas, and may, with the approval of the Council, lease or rent any property connected with or appurtenant to any of its utilities and fix the rental charges thereof.

All funds received by the Public Service Department shall be deposited in the City Treasury to the credit of the Department. An amount not to exceed two (2) percent of the Department's gross sales of electricity (exclusive of wholesale sales of electricity to other public or privately owned utilities) shall, in the Council's discretion, be deposited or transferred to the City's General Fund, to pay bills incurred by the City for lighting its public streets, and an amount not to exceed five (5) percent of the Department's gross sales of water and electricity, in lieu of taxes (exclusive of wholesale sales to other public or privately owned utilities) shall be deposited or transferred to the City's General Fund if, in the discretion of the Council, it is so ordered.

Funds not immediately needed by the Public Service Department may be temporarily loaned to other departments of the City pending collection of tax receipts or other funds owing to such other department.

[Amended by Charter Amendment, ratified by the voters on June 3, 1958, and approved by the State Legislature on January 20, 1959.]